

ab
2. (Amended) A population of seed of the corn variety I450436, wherein a sample of the seed of the corn variety I450436 was deposited under ATCC Accession No. PTA-4495.

ab
5. (Amended) A corn plant produced by growing a seed of the corn variety I450436, wherein a sample of the seed of the corn variety I450436 was deposited under ATCC Accession No. PTA-4495.

az
14. (Amended) An essentially homogeneous population of corn plants produced by growing the seed of the corn variety I450436, wherein a sample of the seed of the corn variety I450436 was deposited under ATCC Accession No. PTA-4495.

15. (Amended) A corn plant capable of expressing all the physiological and morphological characteristics of the corn variety I450436, wherein a sample of the seed of the corn variety I450436 was deposited under ATCC Accession No. PTA-4495.

as
17. (Amended) A tissue culture of regenerable cells of a plant of corn variety I450436, wherein the tissue is capable of regenerating plants capable of expressing all the physiological and morphological characteristics of the corn variety I450436, wherein a sample of the seed of the corn variety I450436 was deposited under ATCC Accession No. PTA-4495.

aa
20. (Amended) A corn plant regenerated from the tissue culture of claim 17, wherein the corn plant is capable of expressing all of the physiological and morphological characteristics of the corn variety designated I450436, wherein a sample of the seed of the corn variety I450436 was deposited under ATCC Accession No. PTA-4495.

21. (Amended) A process of producing corn seed, comprising crossing a first parent corn plant with a second parent corn plant, wherein one or both of the first or the second parent corn plant is a plant of the corn variety I450436, wherein a sample of the seed of

the corn variety I450436 was deposited under ATCC Accession No. PTA-4495, wherein seed is allowed to form.

a⁹
22. (Amended) The process of claim 21, further defined as a process of producing hybrid corn seed, comprising crossing a first inbred corn plant with a second, distinct inbred corn plant, wherein the first or second inbred corn plant is a plant of the corn variety I450436, wherein a sample of the seed of the corn variety I450436 was deposited under ATCC Accession No. PTA-4495.

a¹⁰
31. (Amended) A method of producing an inbred corn plant derived from the corn variety I450436, the method comprising the steps of:

- (a) preparing a progeny plant derived from corn variety I450436 by crossing a plant of the corn variety I450436 with a second corn plant, wherein a sample of the seed of the corn variety I450436 was deposited under ATCC Accession No. PTA-4495;
 - (b) crossing the progeny plant with itself or a second plant to produce a seed of a progeny plant of a subsequent generation;
 - (c) growing a progeny plant of a subsequent generation from said seed and crossing the progeny plant of a subsequent generation with itself or a second plant; and
 - (d) repeating steps (b) and (c) for an additional 3-10 generations to produce an inbred corn plant derived from the corn variety I450436.
-

II. RESPONSE TO OFFICE ACTION

A. Status of the Specification

The specification has been amended to correct deficiencies relating to information for the deposit of seed for the claimed inbred. A marked copy of the amendments is provided in **Appendix A**. The objection to the specification should now be moot.